1. A user communication hub for providing communications services to an end user at a user location, wherein the user communication hub comprises:

a plurality of communication interfaces that are operational to communicate with a plurality of end-user communication devices that are located at the user location and that use a plurality of communications formats, wherein the communication interfaces are operational to convert between the communications formats and an ATM format, wherein at least one of the communication interfaces comprises an analog telephony interface that communicates with a telephone that is located at the user location and that uses an analog telephony format, wherein the analog telephony interface is operational to convert between the analog telephony format and the ATM format;

a Digital Subscriber Line (DSL) interface that is coupled to the communications interfaces and a communication system and that is operational to communicate with the communications system using an ATM over DSL format.

2. The user communication hub of claim 1 wherein the analog telephony interface is operational to provide dial tone and power to the telephone.

3. The user communication hub of claim 1 wherein the analog telephony interface is operational to detect on-hook and off-hoof conditions.

4. The user communication hub of claim 1 wherein the analog telephony interface is operational to detect dual tone multi-frequency (DTMF) tones.

5. The user communication hub of claim 1 wherein the analog telephony interface is operational to provide echo cancellation.

6. The user communication hub of claim 1 wherein the analog telephony interface is operational to forward control information to a service node in the communication system.

7. The user communication hub of claim 1 wherein one of the communication interfaces comprises a computer interface operational to convert between a computer format and the ATM format.

5   8. The user communication hub of claim 7 wherein the computer interface comprises an ethernet interface.

9. The user communication hub of claim 7 wherein the computer interface is operational to route a communication request from a computer to a service node in the communication

10   system.

10. The user communication hub of claim 1 wherein one of the communication interfaces comprises a Java interface operational to receive Java applets from the communication system.

15   11. The user communication hub of claim 1 wherein one of the communication interfaces comprises an ATM interface operational to exchange ATM signaling between the end-user communication devices and the communication system.

12. The user communication hub of claim 1 wherein one of the communication interfaces

20   comprises a MPEG interface operational to provide video signals to the end-user communication devices from the ATM format.

13. The user communication hub of claim 1 wherein one of the communication interfaces comprises a utility interface operational to collect and forward metering information to the

25   communication system.

14. A method for providing communications services to an end user at a user location using a user communication hub that comprises a plurality of communication devices and a Digital Subscriber Line (DSL) interface that is coupled to the communications interfaces and a communication system wherein at least one of the communication interfaces comprises an analog

5   telephony interface, the method comprising:

in the plurality of communication interfaces, communicating with a plurality of end-user communication devices that are located at the user location and that use a plurality of communications formats;

in the plurality of communication interfaces, converting between the communications

10   formats and an ATM format;

in the analog telephony interface, communicating with a telephone that is located at the user location and that uses an analog telephony format;

in the analog telephony interface, converting between the analog telephony format and the ATM format;

15   in the DSL interface, communicating with the communications system using an ATM over DSL format.

15. The method of claim 14 further comprising in the analog telephony interface, providing dial tone and power to the telephone.

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16. The method of claim 14 further comprising in the analog telephony interface, detecting on-hook and off-hoof conditions.

17. The method of claim 14 further comprising in the analog telephony interface,
25   detecting dual tone multi-frequency (DTMF) tones.

18. The method of claim 14 further comprising in the analog telephony interface, providing echo cancellation.

19. The method of claim 14 further comprising in the analog telephony interface, forwarding control information to a service node in the communication system.

20. The method of claim 14 further comprising in a computer interface, converting between a computer format and the ATM format wherein one of the communication interfaces comprises the computer interface.

21. The method of claim 20 wherein the computer interface comprises an ethernet interface.

22. The method of claim 20 further comprising in the computer interface, routing a communication request from a computer to a service node in the communication system.

23. The method of claim 14 further comprising in a Java interface, receiving Java applets from the communication system wherein one of the communication interfaces comprises the Java interface.

24. The method of claim 14 further comprising in an ATM interface, exchanging ATM signaling between the end-user communication devices and the communication system wherein one of the communication interfaces comprises the ATM interface.

25. The method of claim 14 further comprising in a MPEG interface, providing video signals to the end-user communication devices from the ATM format wherein one of the communication interfaces comprises the MPEG interface.

26. The method of claim 14 further comprising in a utility interface, collecting and forwarding metering information to the communication system wherein one of the communication interfaces comprises the utility interface.